

IN THE UNITED STATES PATENTS AND TRADEMARK OFFICE

In re Application of PAJUNEN, Esko, *et al*  
Re: PCT/EP00/03631

Serial No.: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

Filed: October 19, 2001

Docket No.: 04146-001US1

For: METHOD AND APPARATUS FOR THE CONTINUOUS BIOCATALYTIC  
CONVERSION OF AQUEOUS SOLUTIONS, HAVING ONE OR MORE  
DEGASSING STAGES



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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, DC 20231

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicant's undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Copies of the references as well as Form PTO/SB/08A is attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

U.S. Patent No. 5,079,011 to Lommi, et al discloses a process to make beer and other beverages using immobilized yeast cells.

U.S. Patent No. 4,929,452 to Hamdy discloses a method for the brewing of alcohol using a bioreactor containing glass beads.

PCT International Publication No. WO 99/11751 to Umemoto, et al discloses a method to make alcoholic beverages in a fluidized-bed reactor.

European Patent Application No. 0 669 393A1 to Shindo discloses a method for making liquor by a fluidized bed reactor equipped with a liquid circulation pipe and gas exhort port.

PCT International Publication No. WO 96/06923 to Bodmer et al discloses a method to make beer using a biocatalyst wherein the entire cycle of the fermenter is conducted continuously.

Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Information Disclosure Statement to Deposit Account No. 501564.

Respectfully submitted,

SMITH HELMS MULLISS & MOORE, L.L.P.

Date: \_\_\_\_\_

October 19, 2001

By: \_\_\_\_\_

Philip P. McCann

Philip P. McCann  
Registration No. 30,919  
201 North Tryon Street  
P.O. Box 31247  
Charlotte, North Carolina 28231  
Telephone: (704) 343-2313

Docket No.: 04146-001US1

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Substitute for form 1449A/PTO			<b>Compl te if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	Re: PCT/EP00/03631
			Filing Date	4/21/1999
			First Named Inventor	Pajunen, Esko
			Group Art Unit	
			Examiner Name	
Sheet	1	of	Attorney Docket Number	04146-001US1

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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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